



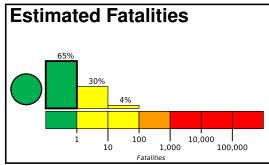


PAGER Version 5

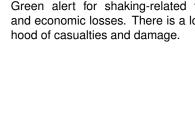
Created: 1 week, 2 days after earthquake

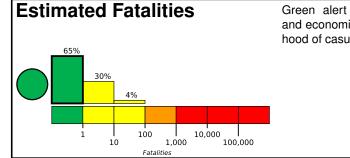
M 5.0, 197 km SSW of Altai, Mongolia

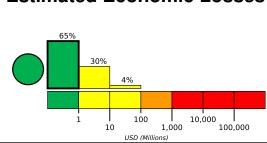
Origin Time: 2022-01-17 15:04:45 UTC (Mon 22:04:45 local) Location: 44.7951° N 95.0960° E Depth: 10.0 km



Green alert for shaking-related fatalities Estimated Economic Losses and economic losses. There is a low likeli-







Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	173k	1k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVE	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure





Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are adobe block and log construction.

Historical Earthquakes

Structures

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
2006-06-15	187	5.8	V(5k)	_
1974-07-04	100	6.7	V(18k)	_
1980-12-15	388	5.5	VI(1k)	_

Bayan-Ovoo

Selected City Exposure

l	from GeoNames.org					
l	MMI	City	Population			
l	IV	Bayan-Ovoo	<1k			
l	Ш	Tseel	<1k			
l	Ш	Bayangol	<1k			
l	Ш	Tahilt	<1k			
l	Ш	Togrog	<1k			
l	Ш	Sharga	<1k			
l	Ш	Haliun	<1k			
l	II	Darvi	<1k			
l	II	Dzuyl	<1k			
l	II	Altai	16k			
	П	Jargalant	<1k			

bold cities appear on map.

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.